

## SPECIFICATIONS

### Power Amplifier Section

#### Power Output

80 watts\* per channel minimum RMS, both channels driven, at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.09% total harmonic distortion

#### Both Channels Driven into

8 ohms at 1,000 Hz	85 W + 85 W (Except U.S.A., Europe and U.K.)
4 ohms at 1,000 Hz	78 W + 78 W (Except U.S.A., Europe and U.K.)
Music Power Output (8 ohms)	145 W + 145 W (Except U.S.A., Europe and U.K.)

#### Total Harmonic Distortion

AUX → SPKR (8 Ω)/ Power in → SPKR (8 Ω) (20 Hz to 20,000 Hz)	
At Rated Output	0.09%
At 1/2 Rated Output (1,000 Hz)	0.05%
At 1/2 Rated Output	0.005%
Phono → SPKR (8 Ω)/ At -20 dB Volume Level (1,000 Hz)	
At Rated Output	0.04%

#### Intermodulation Distortion (60 Hz : 7,000 Hz = 4 : 1)

At Rated Output	0.02% into 8 ohms
Damping Factor	30 (50 Hz)

#### Frequency Response

Overall (AUX → SPKR)	10 Hz to 70,000 Hz, +0 dB, -3 dB
Phono "RIAA" Response (Phono → REC out)	30 Hz to 20 Hz, ±0.5 dB
Power Bandwidth	10 Hz to 50,000 Hz 0.2% T.H.D. 8 ohms

#### Input Sensitivity/Impedance

Phono MM	2.5 mV/ 47 k ohms
Tuner, AUX., Tape Play	150 mV/ 33 k ohms

#### Signal-to-Noise Ratio (IHF-A)

Phono MM	75 dB at 2.5 mV
Phono MM	81 dB at 5.0 mV
Tuner, AUX., Tape Play	100 dB

#### Phono Maximum Input Level

MM	150 mV (Phono to Tape REC), 0.05% T.H.D. at 1,000 Hz
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#### Output Level/Impedance

Tape REC (Pin)	150 mV/ 330 ohms
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#### Tone Control

60 Hz, 150 Hz, 400 Hz, 1,000 Hz, 2,400 Hz, 6,000 Hz, 15,000 Hz	±10 dB
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#### Filter

Subsonic	60 Hz, 6 dB/ oct
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#### Loudness Control

At -30 dB Volume Level	+8 dB at 100 Hz
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#### General

Power Supply Voltage, Frequency	120 V, 60 Hz (U.S.A. and Canada models), 220 V, 50 Hz (Europe model), 240 V, 50 Hz (U.K. model), 110 ~ 120 V/ 220 ~ 240 V, 50/ 60 Hz (Other countries)
Power Consumption	2.5 A (U.S.A. and Canada models), 170 W (Other countries)

#### AC Outlet

Switched	100 W
Unswitched	100 W

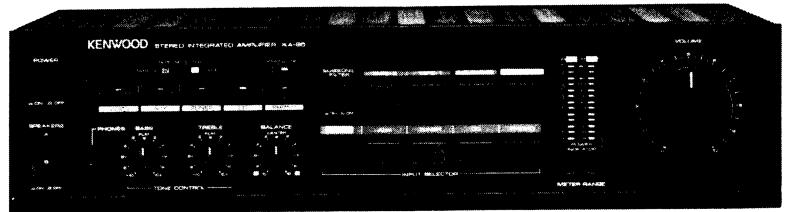
Dimensions	W 420 mm
	H 109 mm
	D 282 mm

#### Weight

Net	6.6 kg
Gross	7.4 kg

\*Measured pursuant to Federal Trade Commission's Trade Regulation rule on Power Output Claims for Amplifier in U.S.A.

**KA-75**  
**KENWOOD**



## SPECIFICATION

(IHF'66)

Except European and U.K. Models

### Power Amplifier Section

#### Rated Power Output

125 watts per channel minimum RMS, both channels driven at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.05% total harmonic distortion

Both Channels Driven into 8 ohms at 1 kHz ..... 125 W + 125 W (Except USA, Europe and U.K.)

#### Total Harmonic Distortion

(AUX—SPKR 8 Ω)  
at Rated Output, 20 Hz ~ 20,000 Hz ..... 0.05%  
at 1/2 Rated Output, 20 Hz ~ 20,000 Hz ..... 0.02%  
at 1/2 Rated Output, 1 kHz ..... 0.007%

#### (PHONO—SPKR 8 Ω : at -20 dB VOLUME Level)

at Rated Output, 1 kHz ..... 0.02%

#### Intermodulation Distortion

(60 Hz:7 kHz = 4:1) ..... 0.02% at rated power into 8 ohms

20 (1,000 Hz into 8 ohms)  
10 Hz to 100 kHz,  
+0 dB, -3 dB

#### Input Sensitivity/Impedance

Phono MM ..... 2.5 mV/47 k ohms  
TUNER, AUX., TAPE PLAY ..... 150 mV/33 k ohms

#### Signal-to-Noise Ratio (IHF-A)

Phono MM ..... 73 dB for 2.5 mV input  
Phono MM ..... 79 dB for 5.0 mV input  
TUNER, AUX., TAPE PLAY ..... 100 dB  
Maximum Input Level for Phono MM ..... 140 mV (RMS), T.H.D. 0.05% at 1 kHz

#### Output Level/Impedance

TAPE REC (Pin) ..... 150 mV/3.3 k ohms  
Frequency Response for Phono ..... RIAA standard curve ±0.3 dB  
(30 Hz to 20,000 Hz)

#### Tone Control

Bass ..... ±10 dB at 100 Hz  
Treble ..... ±8 dB at 10 kHz

Loudness Control (at -30 dB VOLUME Level) ..... +8 dB at 100 Hz

Subsonic Filter ..... 18 Hz, 6 dB/oct.

#### General

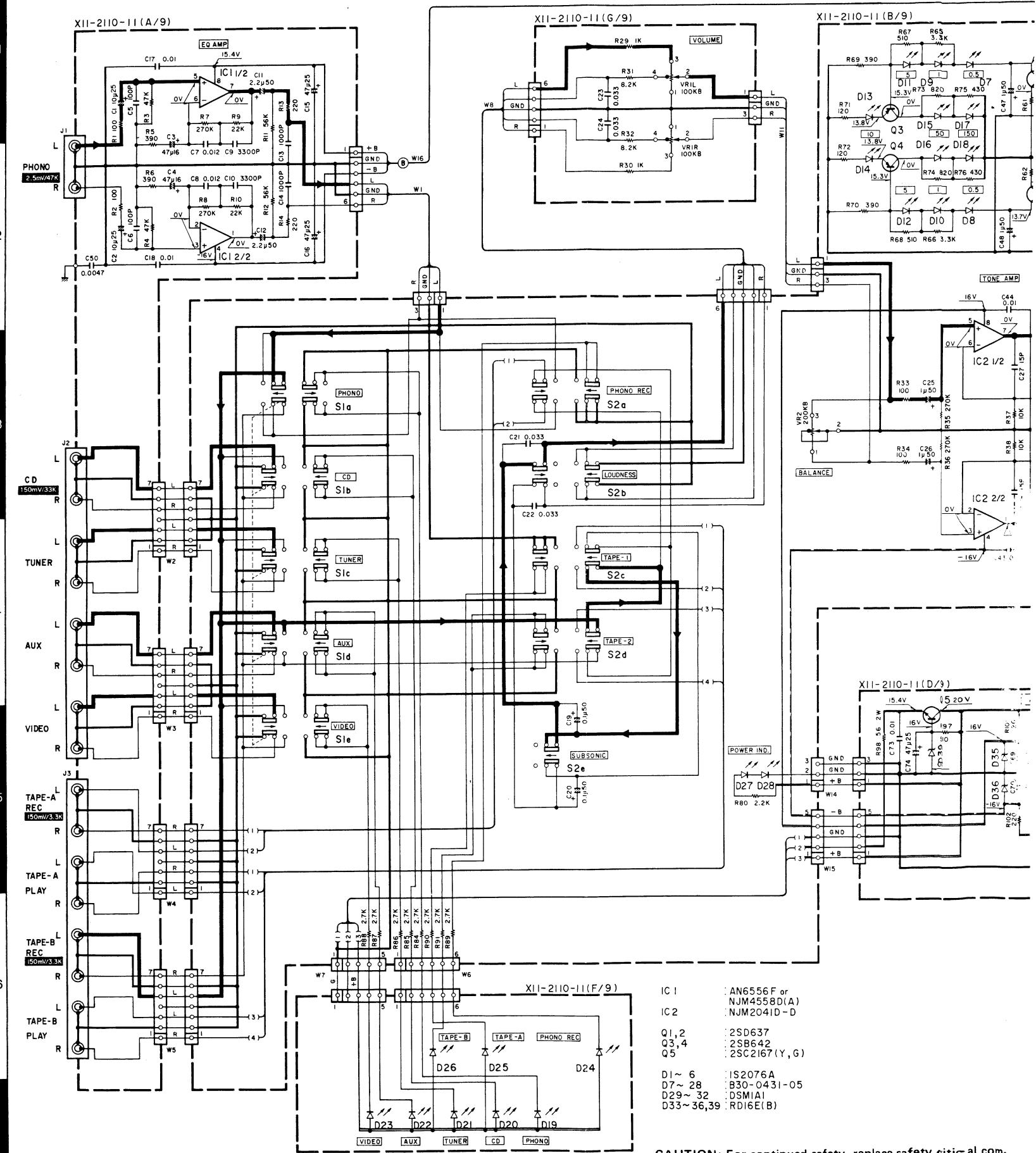
Power Consumption ..... 4.1 A (USA and Canada : UL and CSA)  
230 W (Others)

AC Outlets ..... Switched 2, Unswitched 1

(Except some countries)

W: 420 mm (16-9/16")  
H: 109 mm (4-5/16")  
D: 280 mm (11")

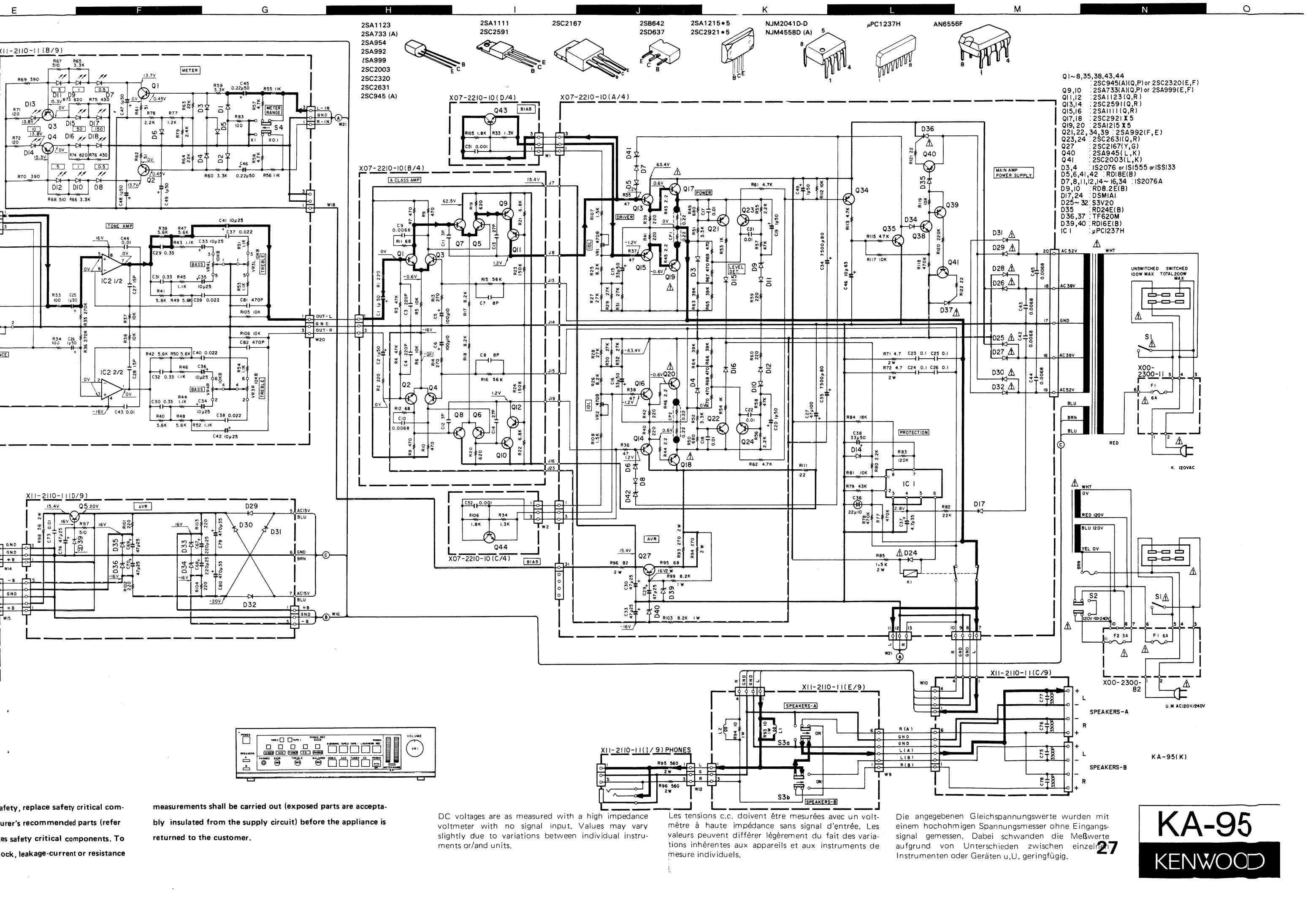
Weight (Net) ..... 8.5 kg (18.7 lb)



IC 1 AN6556F or NJM4558D(A)  
IC 2 NJM2041D-D  
Q1,2 2SD637  
Q3,4 2SB642  
Q5 2SC2167(Y,G)  
D1~6 1S2076A  
D7~28 1S30-0431-05  
D29~32 DSM1AI  
D33~36,39 RD16E(B)

**CAUTION:** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance

**KA-95**  
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